

Comparisons of Job Characteristics

Focus Occupation: Heating, Air Conditioning, and Refrigeration Mechanics and Installers (49-9021)

Associated Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: Heating, Air Conditioning, and Refrigeration Mechanics and Installers (49-9021)

Associated Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	15.3	20.1	>>	Current knowledge level is likely more than sufficient
Chemistry	4.8	9.3	9.1	0	Current knowledge level may be sufficient
Production and Processing	6.0	9.0	7.2	<	Expanded education and/or training may be required
Food Production	2.1	7.6	3.3	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 58

Focus Occupation: Heating, Air Conditioning, and Refrigeration Mechanics and Installers (49-9021)

Associated Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	12.7	11.4	<	A higher skill level may be required
Monitoring	9.9	12.0	10.1	<	A higher skill level may be required
Operation and Control	5.4	11.5	10.9	0	Current skill level may be sufficient
Troubleshooting	4.5	9.7	13.3	>>	Skill level is likely more than sufficient
Quality Control Analysis	5.9	9.6	11.2	>	Skill level is likely sufficient
Equipment Maintenance	3.5	8.7	12.3	>>	Skill level is likely more than sufficient
Equipment Selection	3.3	8.2	9.4	>	Skill level is likely sufficient
Repairing	3.4	8.0	13.5	>>	Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 86			
Focus Occupation: Heating, Air Conditioning, and Refrigeration Mechanics and Installers (49-9021) Associated Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Perceptual Speed	7.4	9.7	8.9	0	Current ability level may be sufficient
Static Strength	5.0	9.4	10.0	0	Current ability level may be sufficient
Reaction Time	4.8	9.0	8.2	0	Current ability level may be sufficient
Rate Control	3.8	7.8	4.1	<<	Extensive improvement in abilities may be required
Wrist-Finger Speed	3.2	6.7	5.8	<	Some improvement in abilities may be required
Speed of Limb Movement	3.2	6.0	5.9	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 69
Focus Occupation: Heating, Air Conditioning, and Refrigeration Mechanics and Installers (49-9021) Associated Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)		
Work Activities	Exclusivity of Activity	
Install equipment or attachments on machinery or related structures	48	
Maintain or repair industrial or related equipment/machinery	39	
Use hand or power tools	2	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: n/a
Focus Occupation: Heating, Air Conditioning, and Refrigeration Mechanics and Installers (49-9021) Associated Occupation: Cooling and Freezing Equipment Operators and Tenders (51-9193)		
Tools and Technologies		Exclusivity
Tools and technology data is unavailable for one or both occupations.		

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.